

Information Systems Security LoB Federal Enterprise Architecture (FEA)

Dick Burk

OMB Chief Architect

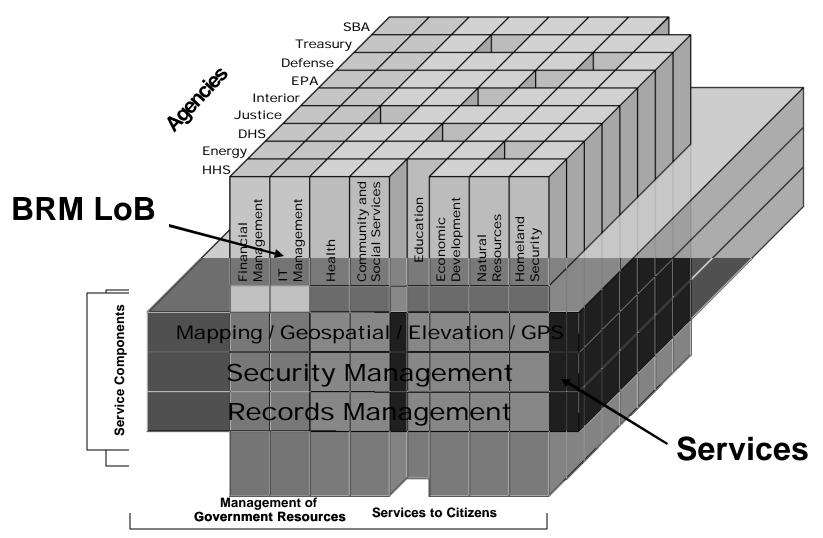
April 7, 2005

E. GOV





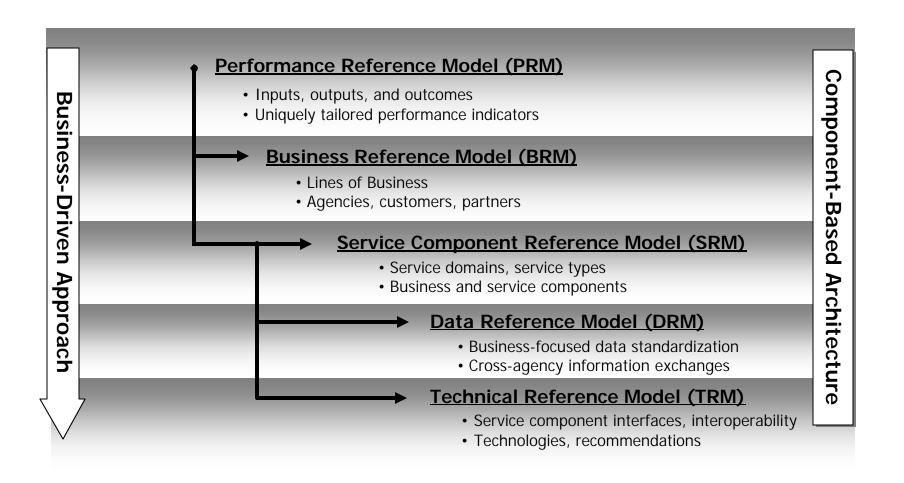
LoBs and Services







FEA Background

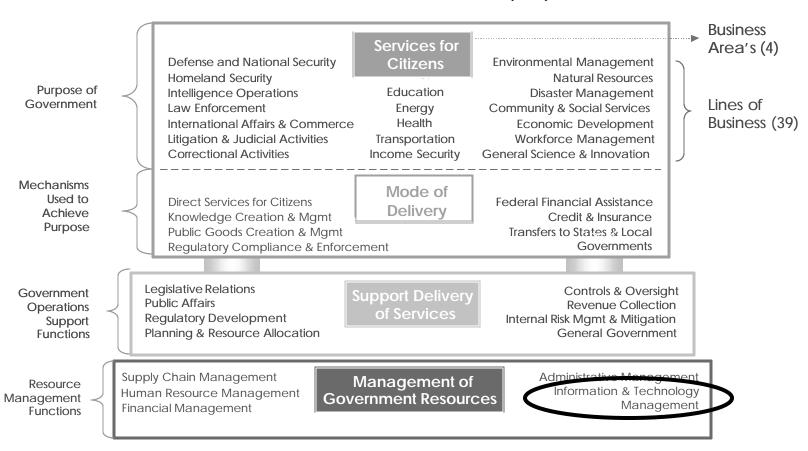






BRM: Line of Business

The Business Reference Model (BRM)







BRM: Line of Business

Management of Government Resources

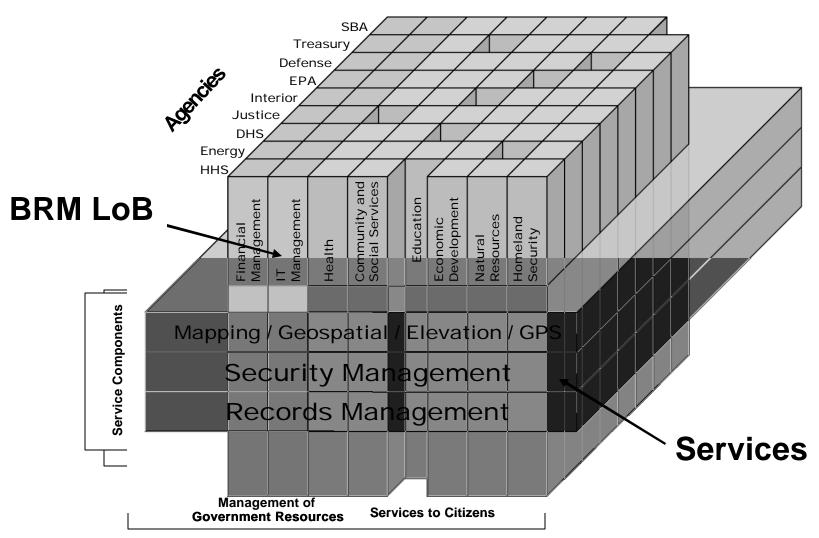
IT Security involves all Administrative Management **Human Resource Management** functions pertaining to the Facilities, Fleet and Equipment Applicant Intake and Recruiting Management securing of federal data and Benefit Administration Help Desk Services Discipline and Grievance systems through the Security Management **Evaluation** Travel Labor Relations creation and definition of Workplace Policy Development Payroll Management and **Expense Reimbursement** and Management Peronnel Action Processing security policies, Position Claassification and Financial Management procedures and controls Management Pre-Employment covering such services as Accounting Random Drug Testing Budget and Finance Reporting and Metrics Payments identification, Security Clearance Management Collections and Receivables Time and Labor Distribution authentication, and non Asset and Liability **Training Management** Management Reporting and Information Vacancy Tracking repudiation. Information and Technology **Supply Chain Management** Management System Development Goods Acquisition Lifecycle/Change Management Inventory Control System Maintenance Logistics Management I Infrastructure Maintenance Services Acquisition IT Security Record Retention

Information Management





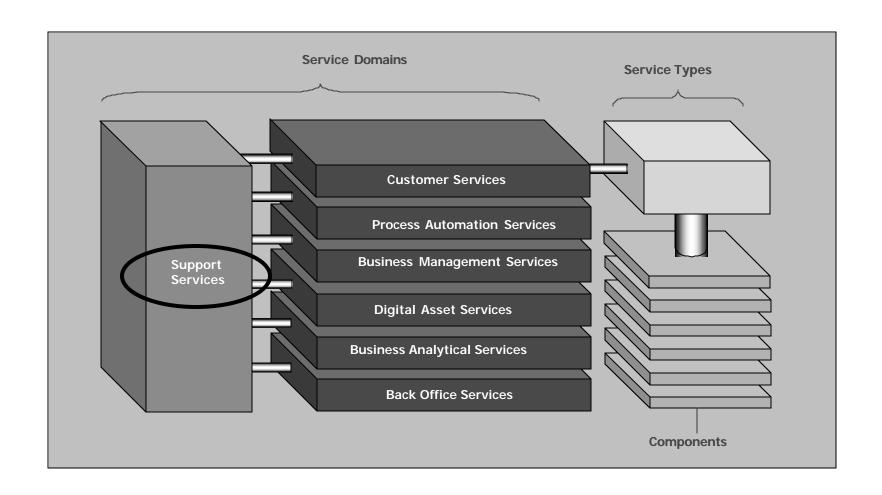
LoBs and Services







SRM: Service Domains







SRM: Security Management Service Type

Service Component	Definition
Identification and Authentication	Support obtaining information about those parties attempting to log on to a system or application for security purposes and the validation of those users
Access Control	Support the management of permissions for logging onto a computer or network
Encryption	Support the encoding of data for security purposes
Intrusion Detection	Support the detection of illegal entrance into a computer system
Verification	Support the confirmation of authority to enter a computer system, application or network
Digital Signature	Guarantee the unaltered state of a file
User Management	Support the administration of computer, application and network accounts within an organization
Role / Privilege Management	Support the granting of abilities to users or groups of users of a computer, application or network
Audit Trail Capture and Analysis	Support the identification and monitoring of activities within an application or system





Benefits of using the FEA

- Provides a common language for defining security services and products
- Defines relationships between security related elements in an architecture (processes, services, information and technology)
- Standardizes evaluation criteria for selecting vendor products and services